

Title: DC Motor Noise Reduction Using Con  
Bus Current Control Commutation  
Inventor(s): Bret S. Clark et al.  
Atty: Dkt. No.: 3174-000001/CPA

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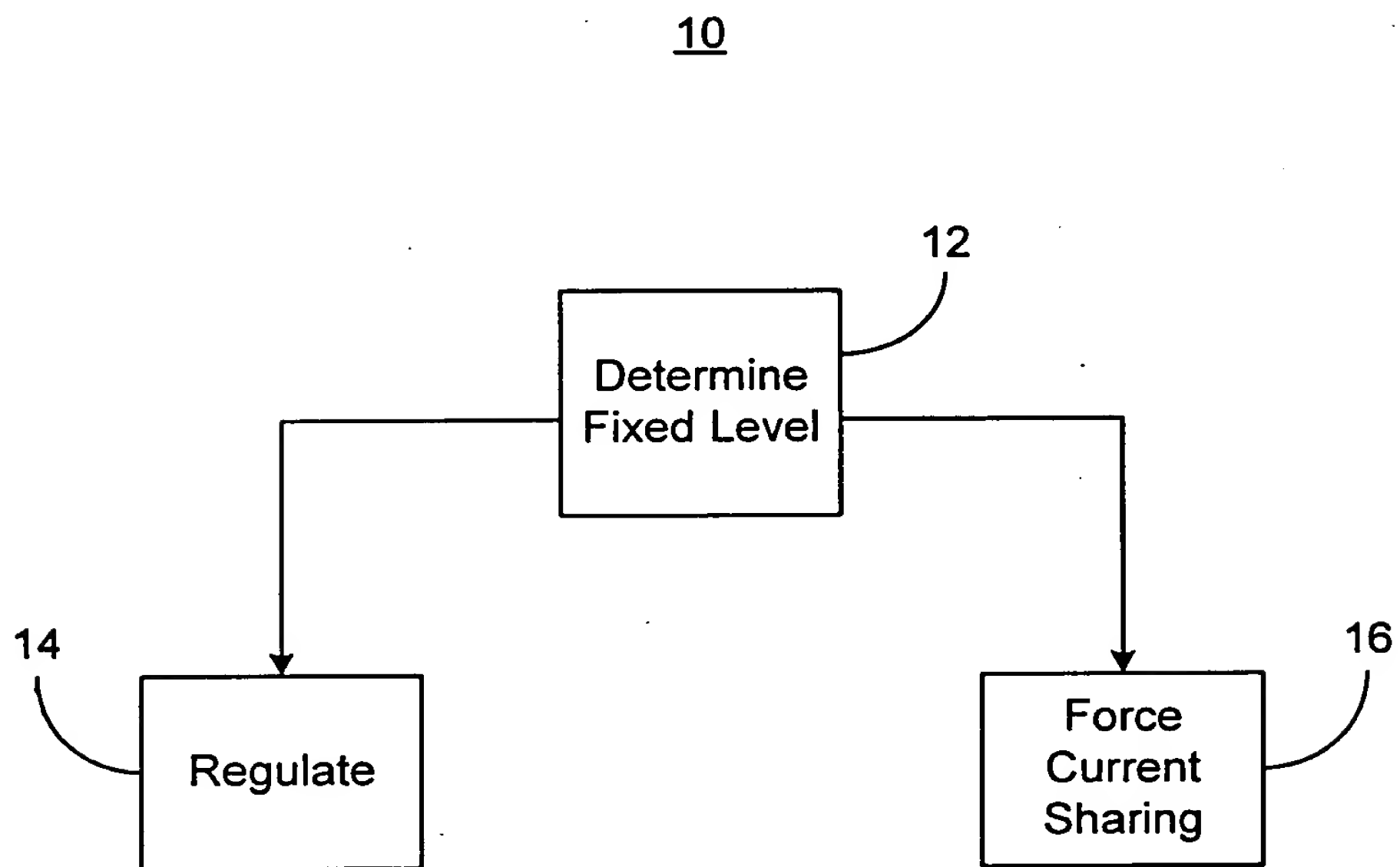
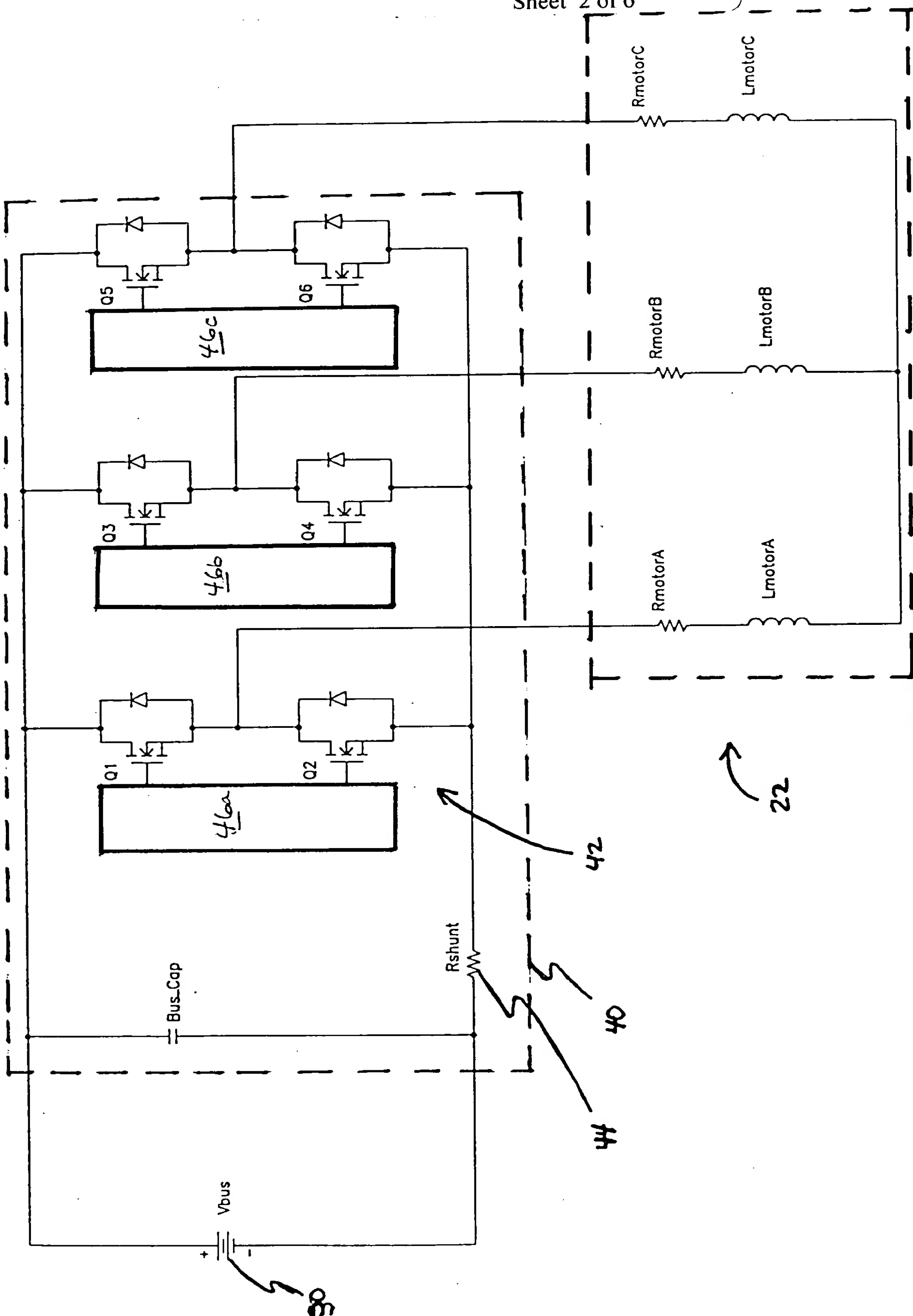


FIG. 1



Ag. 2

Title: BLDC Motor Noise Reduction Using Constant  
Bus Current Control Commutation

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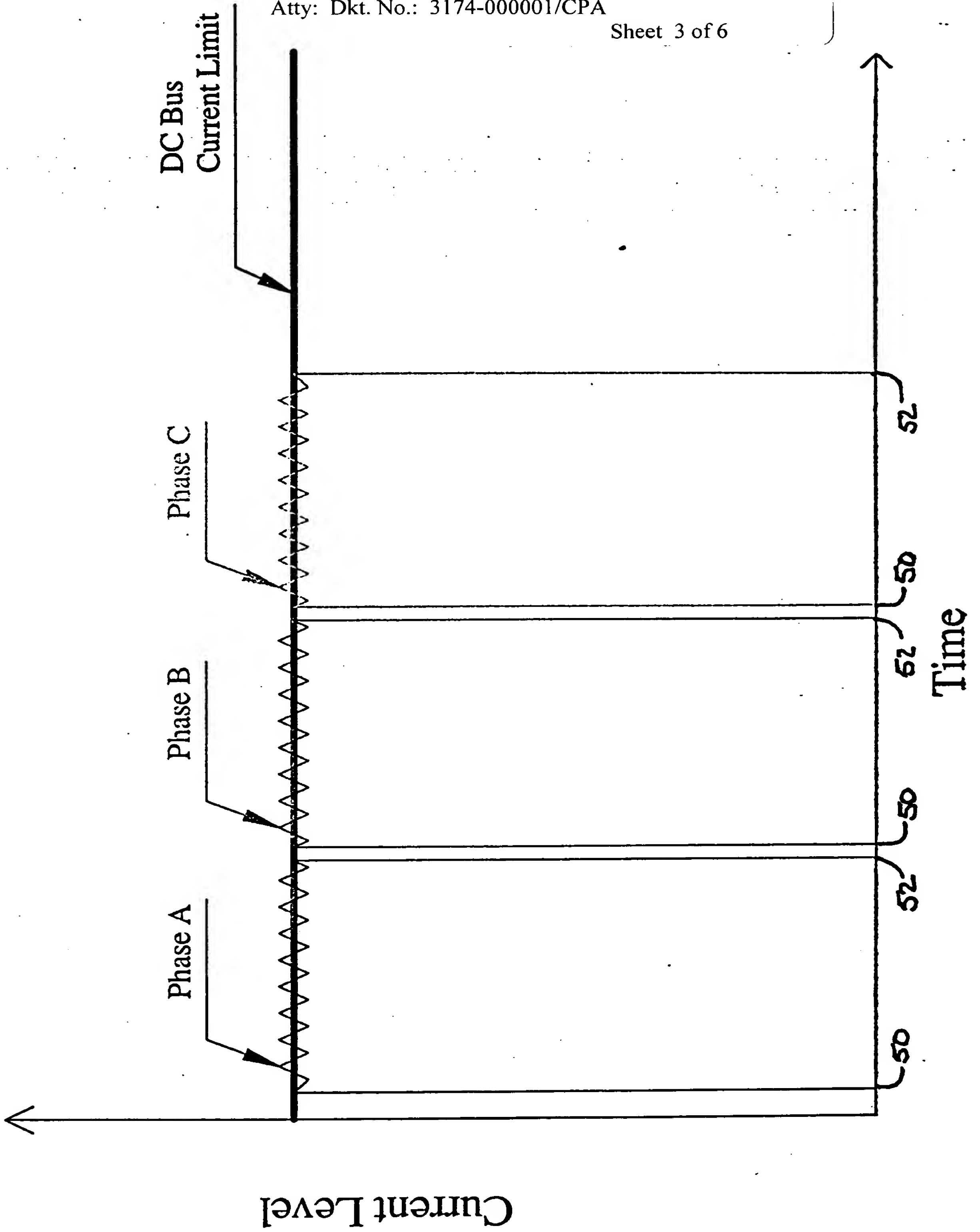
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2.

FIG. 3

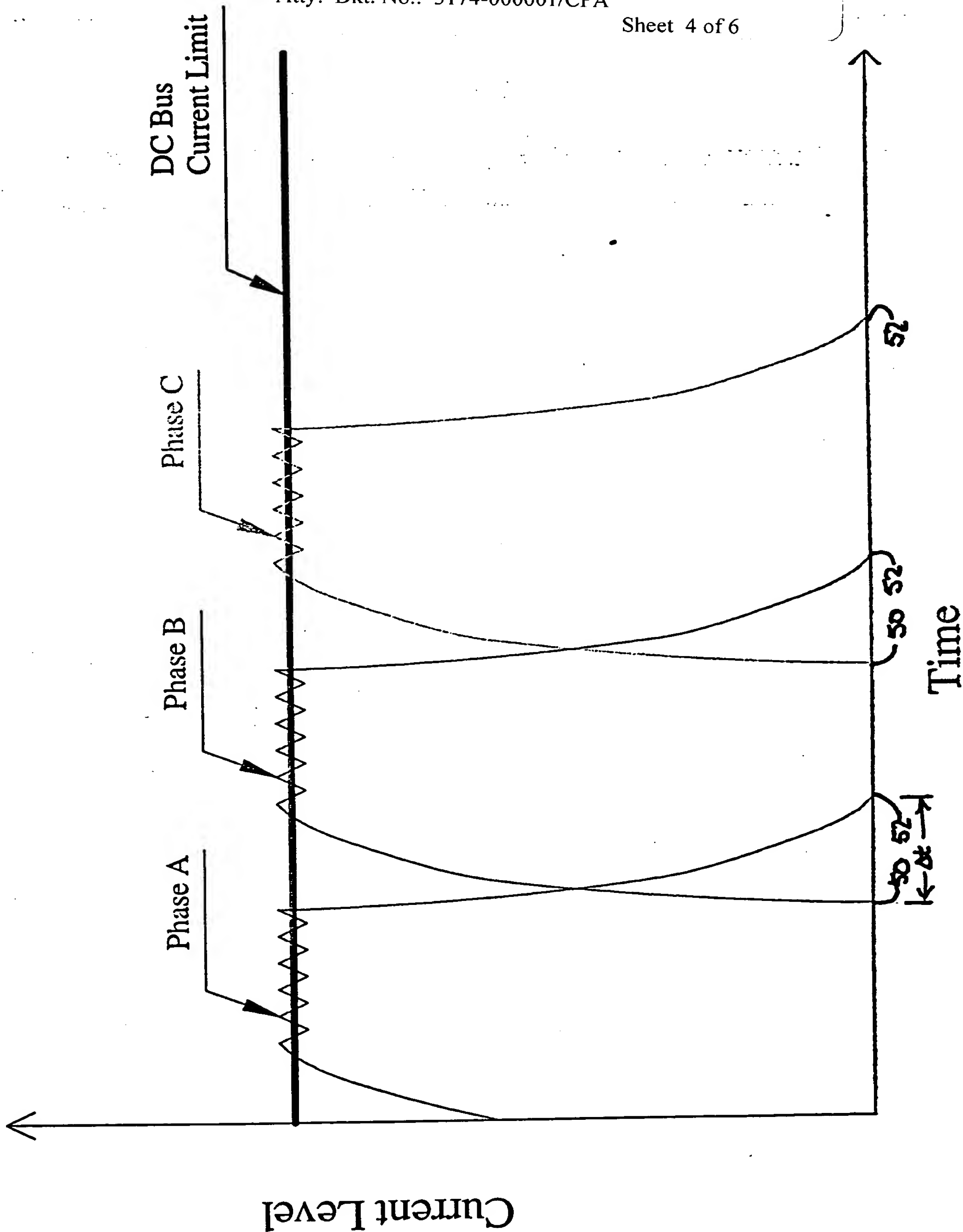
FIG. 3



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Fig. 4



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— Phase B  
— Phase A

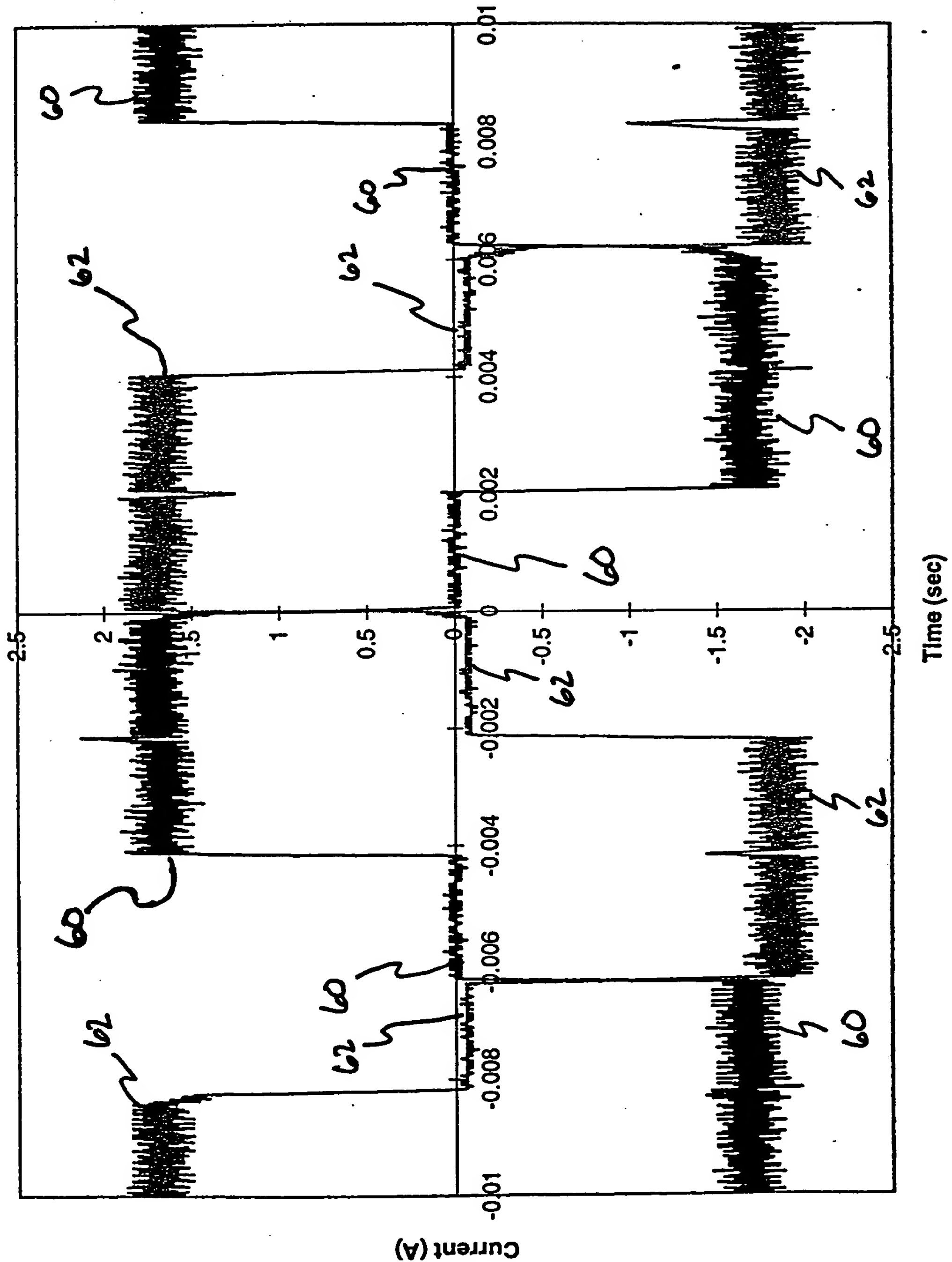


FIG. 5

FIG. 5

: BLDC Motor Noise Reduction Using Constant  
Current Control Commutation

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— Phase B  
— Phase A

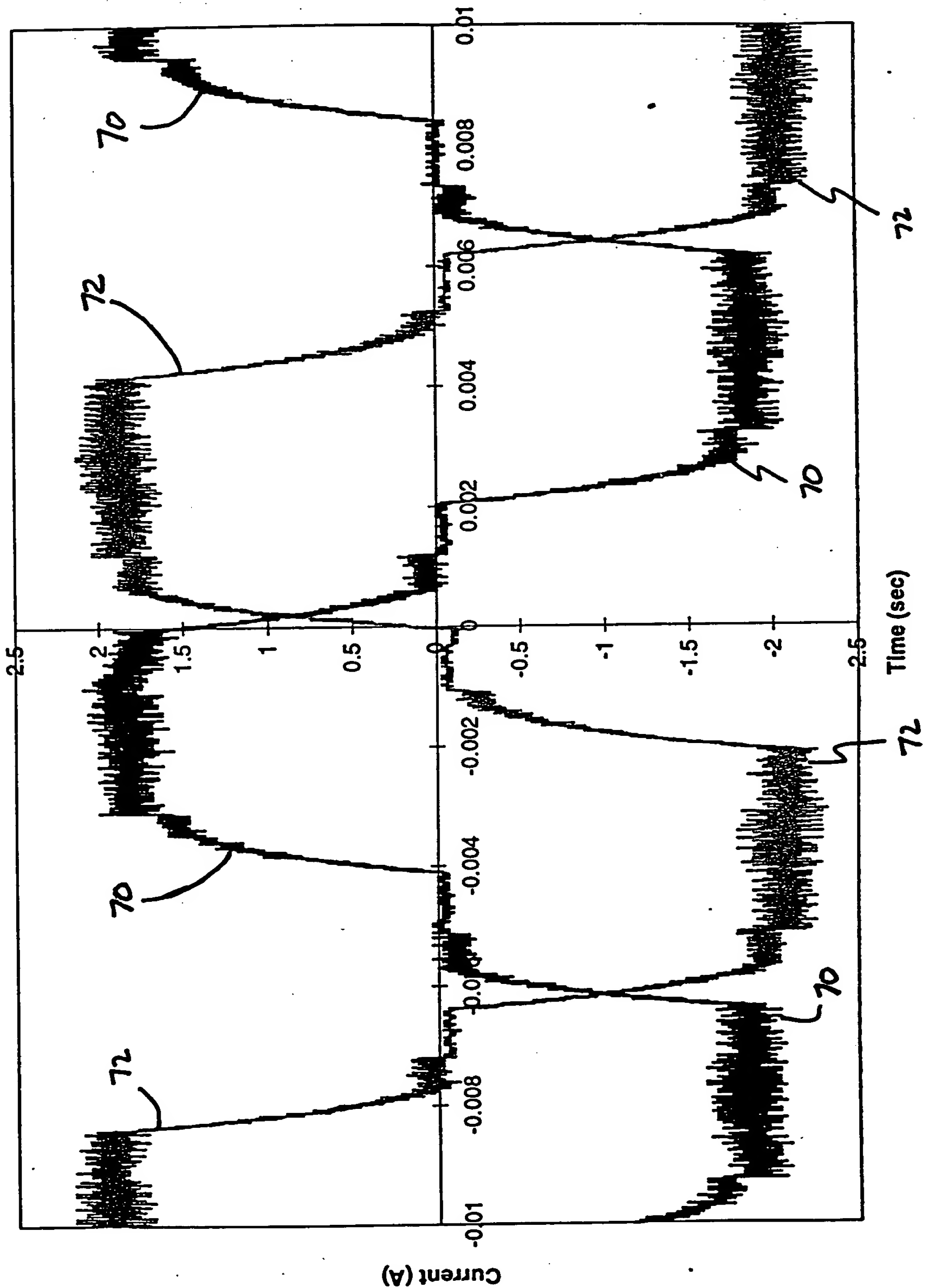


Fig. 6

FIG. 6 is a graph of current (A) versus time (sec) for the BLDC motor noise reduction using constant current control commutation.